

Title (en)

Method and blank for the manufacture of high efficiency open volumed packing bodies.

Title (de)

Verfahren und Metall zur Herstellung von hohlen Füllkörpern mit hoher Leistung.

Title (fr)

Procédé et métal pour la fabrication de corps de remplissage creux à haute performance.

Publication

EP 0259022 A2 19880309 (EN)

Application

EP 87307006 A 19870807

Priority

US 90286586 A 19860902

Abstract (en)

A method and manufacturing blank for the production of high performance substantially symmetrical open volumed packing bodies is disclosed comprising the steps of forming a blank from sheet material, the blank comprising a plurality of generally identical plates interconnected in linear series by ribbon members coupling adjacent plates and defining a median strip, shaping the plates into troughs having longitudinal axes oriented perpendicularly to the median strip, and bending the median strip to bring the longitudinal axes into close proximity with one another to form an open volumed packing body having a central core defined by the aligned bores.

IPC 1-7

B01D 53/20

IPC 8 full level

F16J 15/08 (2006.01); **B01D 11/04** (2006.01); **B01J 19/00** (2006.01); **B01J 19/30** (2006.01); **F16J 15/00** (2006.01); **F16J 15/10** (2006.01)

CPC (source: EP KR US)

B01J 19/00 (2013.01 - KR); **B01J 19/30** (2013.01 - EP US); **F16J 15/00** (2013.01 - KR); **B01J 2219/30207** (2013.01 - EP US);
B01J 2219/30276 (2013.01 - EP US); **B01J 2219/30408** (2013.01 - EP US); **B01J 2219/30466** (2013.01 - EP US); **Y10S 261/72** (2013.01 - EP US);
Y10T 29/496 (2015.01 - EP US); **Y10T 29/49604** (2015.01 - EP US); **Y10T 29/49861** (2015.01 - EP US); **Y10T 428/12229** (2015.01 - EP US)

Cited by

EP1070536A1; EP0761301A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0259022 A2 19880309; EP 0259022 A3 19881117; EP 0259022 B1 19920318; AR 240873 A1 19910327; AR 240873 A2 19910327;
AT E73688 T1 19920415; AU 590948 B2 19891123; AU 7652687 A 19880310; BR 8704502 A 19880419; CA 1264121 A 19900102;
CN 1011862 B 19910306; CN 87106059 A 19880316; DE 3777504 D1 19920423; ES 2030729 T3 19921116; GR 3004630 T3 19930428;
JP S6369537 A 19880329; KR 880004259 A 19880602; KR 910010156 B1 19911217; NO 166272 B 19910318; NO 166272 C 19910626;
NO 873669 D0 19870901; NO 873669 L 19880303; US 4724593 A 19880216

DOCDB simple family (application)

EP 87307006 A 19870807; AR 30842887 A 19870813; AT 87307006 T 19870807; AU 7652687 A 19870803; BR 8704502 A 19870901;
CA 545497 A 19870827; CN 87106059 A 19870828; DE 3777504 T 19870807; ES 87307006 T 19870807; GR 920400960 T 19920518;
JP 21810187 A 19870902; KR 870009649 A 19870901; NO 873669 A 19870901; US 90286586 A 19860902